

# Morphometry Analysis Report

## Analysis Information

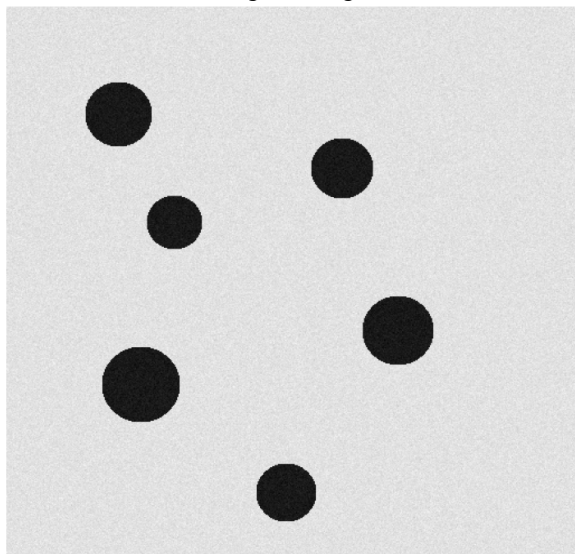
Sample ID:	N/A
Image File:	test_cells.png
Analysis Date:	2025-12-25 23:30:30
Total Cells:	6
Pixel Size:	1.0 $\mu\text{m}$
Segmentation Model:	cyto3
Preprocessing:	brightfield_pipeline, clahe(clip=2.0), bilateral(d=5)

## Summary Statistics

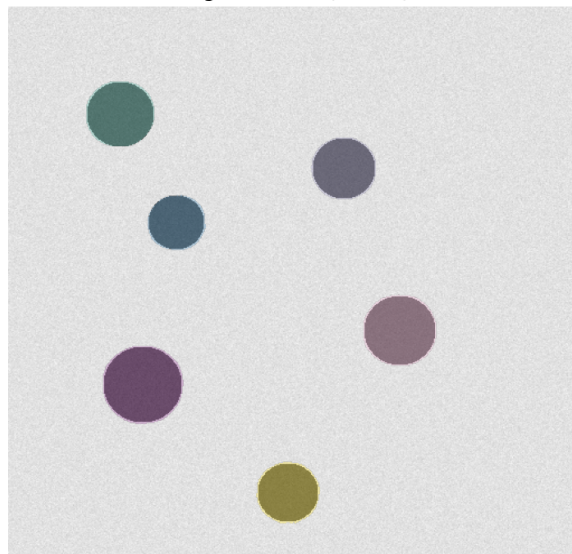
Metric	Mean	Std	Min	Max	Median
Area (px <sup>2</sup> )	2988.50	729.53	2112.00	4155.00	2830.00
Perimeter (px)	200.56	23.64	170.02	237.14	195.51
Circularity	0.92	0.01	0.90	0.94	0.92
Eccentricity	0.14	0.07	0.07	0.24	0.13
Solidity	0.98	0.00	0.98	0.99	0.98
Aspect Ratio	1.01	0.01	1.00	1.03	1.01

## Segmentation Results

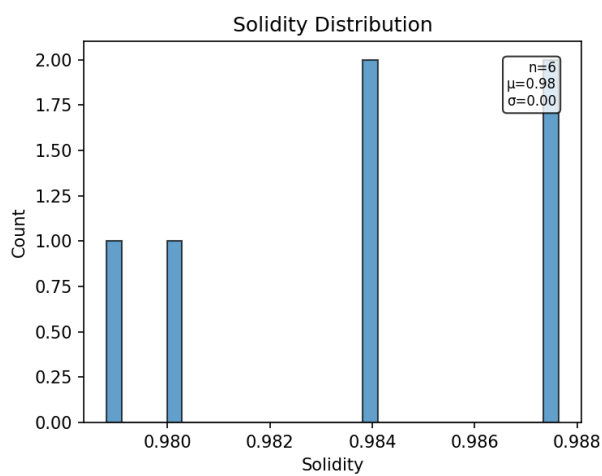
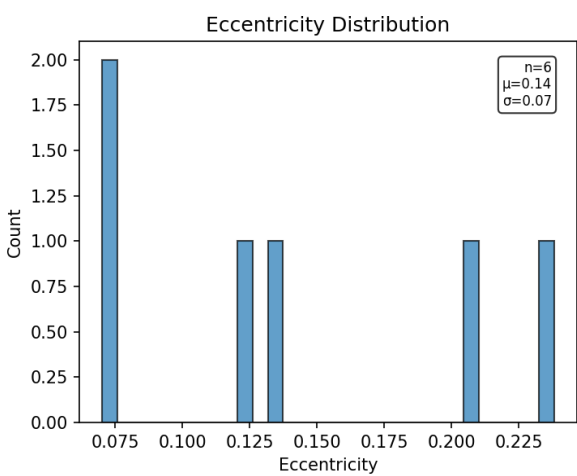
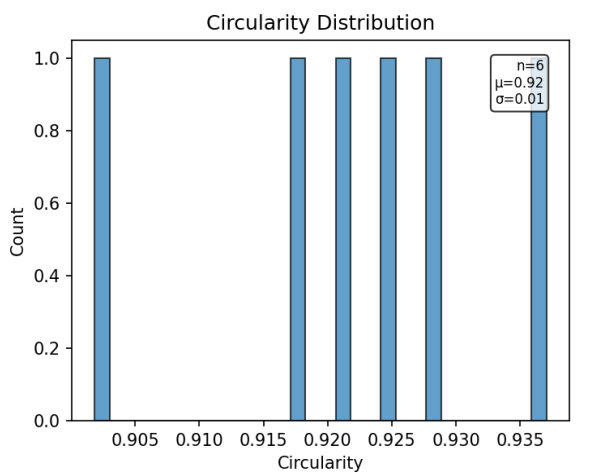
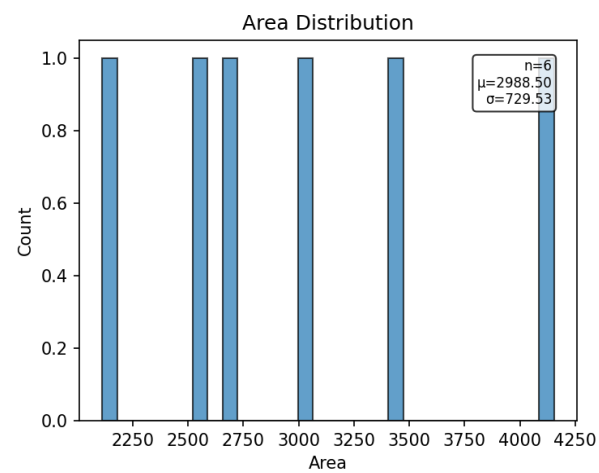
Original Image



Segmentation (6 cells)



# Distribution Analysis



# Individual Cell Measurements

cell_id	area	perimeter	circularity	eccentricity	solidity
1.000	2998.000	200.510	0.937	0.207	0.987
2.000	2662.000	190.510	0.922	0.136	0.984
3.000	2112.000	170.024	0.918	0.238	0.980
4.000	3463.000	216.995	0.924	0.070	0.984
5.000	4155.000	237.137	0.929	0.074	0.988
6.000	2541.000	188.167	0.902	0.123	0.979